

08000

02-29  
2714

3M General Offices  
3M Center  
St. Paul, Minnesota 55144-1000  
612/733-1110  
Duns No.: 00-617-3082

MATERIAL SAFETY  
DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS  
TRADE NAME:  
3M Super Gasket Adhesive PART NO. 08000 (1PD)  
3M I.D. NUMBER: 62-4424-2609-4

ISSUED: APRIL 17, 1989  
SUPERSEDES: APRIL 13, 1989  
DOCUMENT: 11-2688-7

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
methyl ethyl ketone	78-93-3	25.0 - 35.0	200	ppm	TWA	ACGI
polychloroprene	9010-87-4	15.0 - 25.0	NONE	NONE	NONE	NONE
magnesium resinate	68611-24-5	10.0 - 20.0	NONE	NONE	NONE	NONE
thixotropic agent - Vendor Trade Secret (V.T.S.)	V.T.S.	1.0 - 10.0	NONE	NONE	NONE	NONE
toluene	108-88-3	1.0 - 10.0	100	ppm	TWA	ACGI
n-hexane	110-54-3	1.0 - 10.0	50	ppm	TWA	ACGI
petroleum distillate	64742-88-7	15.0 - 25.0	100	ppm	TWA	CMRG

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacture Recommended Guidelines
- NONE: None Established

2. PHYSICAL DATA

BOILING POINT:..... 140.00 F  
 VAPOR PRESSURE:..... 120.0000 mmHg @ 68F  
 VAPOR DENSITY: ..... 3.00 Air = 1  
 EVAPORATION RATE: ..... 2.50 Ether = 1  
 SOLUBILITY IN WATER: ..... Slight  
 SP. GRAVITY:..... 0.870 Water = 1  
 PERCENT VOLATILE: ..... 67.00 %  
 VOLATILE ORGANICS: ..... 690.00 gm/l  
 pH: ..... N/A  
 VISCOSITY: ..... 12000.0-15000.0 CPS  
 APPEARANCE AND ODOR: Yellow, liquid, sweet/fruity odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... -14.00 F T.C.C.  
 FLAMMABLE LIMITS - LEL: ..... 1.00 %  
 FLAMMABLE LIMITS - UEL: ..... 11.50 %  
 AUTOIGNITION TEMPERATURE: ... N/D  
 EXTINGUISHING MEDIA:  
 CO2, foam, dry chemical  
 SPECIAL FIRE FIGHTING PROCEDURES:  
 Fire fighters should wear self-contained breathing apparatus when fighting fires involving this material.  
 UNUSUAL FIRE AND EXPLOSION HAZARDS:  
 Extremely Flammable. Overheated, closed containers adjacent to fire could explode due to internal pressure buildup.  
 NFPA-HAZARD-CODES: HEALTH 2 FIRE 4 REACTIVITY 0  
 UNUSUAL REACTION HAZARD: NONE

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4. REACTIVITY DATA

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STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

N/D

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO<sub>2</sub>, HCl, Sb, smoke particles and possible trace amounts of chlorine and phosgene when subjected to excessive heat or flame.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:

Extinguish all ignition sources. Ventilate the area. Observe precautions from other sections. Contain the spill. Cover with absorbent materials as needed. Collect the spilled material using non-sparking tools. Place in a U.S. Department of Transportation - approved metal container, and seal.

RECOMMENDED DISPOSAL:

Incinerate absorbed and bulk product after mixing with flammable material in a licensed hazardous waste facility. Disposal should be in accordance with applicable regulations. U.S. EPA Hazardous Waste No.: D001 (Ignitable).

ENVIRONMENTAL DATA:

Volatile Organic Compound (VOC):

Maximum VOC = 690 grams/liter.

Maximum VOC minus Water minus Exempt Solvents = 690 grams/liter.

SARA HAZARD CLASS:

FIRE HAZARD: Yes PRESSURE: No REACTIVITY: No ACUTE: Yes CHRONIC: Yes

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6. SUGGESTED FIRST AID

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EYE CONTACT:

Flush eyes with large amount of water. Call a physician.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

Move to fresh air. Call a physician.

IF SWALLOWED:

Do not induce vomiting. Immediately call a physician or poison control center.

OTHER FIRST AID:

NONE

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7. PRECAUTIONARY INFORMATION

Keep away from heat, sparks, flame and other sources of ignition. The vapors/spray released by this product can be ignited easily. Avoid prolonged breathing of vapors. Use only with sufficient ventilation to maintain vapor/spray concentrations below recommended exposure limits. Keep container closed when not in use. Avoid contact with eyes and skin. Wear eye and skin protective equipment when handling this product, i.e. impervious gloves and chemical safety goggles. Keep out of the reach of children.

ADDITIONAL EXPOSURE LIMITS

INGREDIENTS	EXPOSURE LIMITS		-----	
	VALUE	UNIT	TYPE	AUTH
methyl ethyl ketone	590	mg/m3	TWA	ACGIH
methyl ethyl ketone	300	ppm	STEL	ACGIH
methyl ethyl ketone	885	mg/m3	STEL	ACGIH
methyl ethyl ketone	200	ppm	TWA	OSHA
methyl ethyl ketone	590	mg/m3	TWA	OSHA
methyl ethyl ketone	300	ppm	STEL	OSHA
methyl ethyl ketone	885	mg/m3	STEL	OSHA
toluene	375	mg/m3	TWA	ACGIH
toluene	150	ppm	STEL	ACGIH
toluene	560	mg/m3	STEL	ACGIH
toluene	100	ppm	TWA	OSHA
toluene	375	mg/m3	TWA	OSHA
toluene	150	ppm	STEL	OSHA
toluene	560	mg/m3	STEL	OSHA
n-hexane	180	mg/m3	TWA	ACGIH
n-hexane	50	ppm	TWA	OSHA
n-hexane	180	mg/m3	TWA	OSHA

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

8. HEALTH HAZARD DATA

EYE CONTACT: Liquid or vapors may cause eye irritation.

SKIN CONTACT: May cause skin irritation. May cause allergic skin reactions in some persons. (n-Hexane can be absorbed through the skin in harmful amounts. Due to the low concentration of n-hexane in the product, this effect is not anticipated.)

INHALATION: Vapors may cause respiratory system irritation and temporary nervous system impairment (light-headedness). Repeated or extreme overexposure to n-hexane may cause nervous system damage resulting in muscle weakness and loss of sensation in the arms, legs and face. Symptoms of acute overexposure may include headache, dizziness, weakness, fatigue, nausea, incoordination, visual disturbances and, in the extreme, unconsciousness. Deliberate concentration and inhalation of toluene vapors has caused brain disorders, lung damage and sudden death from heart attack.

Abbreviations: N/D - Not Determined N/A - Not Applicable

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**8. HEALTH HAZARD DATA** (continued)

**INGESTION:** Solvent aspiration into the lungs as a result of vomiting may cause lung damage, which can be fatal. May cause digestive system irritation and nervous system impairment. Symptoms may include nausea, vomiting and abdominal pain.

**OTHER:** Exposure to methyl ethyl ketone (MEK) and n-hexane in combination may cause a greater potential for nervous system damage.

**SECTION CHANGE DATES**

HEADING	SECTION CHANGED SINCE	APRIL 13, 1989	ISSUE
PHYSICAL DATA	SECTION CHANGED SINCE	APRIL 13, 1989	ISSUE
FIRE & EXP. DATA	SECTION CHANGED SINCE	APRIL 13, 1989	ISSUE
PRECAUT. INFO.	SECTION CHANGED SINCE	APRIL 13, 1989	ISSUE
HEALTH HAZD. DATA	SECTION CHANGED SINCE	APRIL 13, 1989	ISSUE

Abbreviations: N/D - Not Determined N/A - Not Applicable

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.